

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ARKANSAS, Southeast

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#### CHICOT COUNTY --- 0.9 NW DERMOTT [33.53, -91.44]

	03/18/13 11:45 CST		0	Hail (1.00 in)
	03/18/13 11:45 CST		0	Source: Law Enforcement

Quarter size hail fell in Dermott.

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#### ASHLEY COUNTY --- 0.2 S CROSSETT [33.13, -91.97], 4.2 S BERLIN [33.02, -91.76]

	03/18/13 12:23 CST		50K	Hail (1.75 in)
	03/18/13 12:28 CST		0	Source: Emergency Manager

A swath of golf ball size hail fell from Crossett to just south of Berlin near the Arkansas and Louisiana state line.

A strong upper level disturbance combined with a strong cold front and associated surface low which crossed the region. A squall line developed across southeast Arkansas and moved quickly across north-central Mississippi during the morning, producing multiple reports of damaging winds and ping-pong to golf ball size hail. There were reports of multiple trees blown down, some roofs blown off buildings and wind gusts of 60-80 mph, with a 77 mph wind gust measured at the Columbus AFB surface observing station. A lone supercell moved across southeast Arkansas just after 1:00 pm and showed many indications of very large hail and strong rotation. This storm gradually began making more of a right turn and continued to dive southeast across northeast Louisiana before moving into Mississippi. This storm produced multiple reports of golf ball to baseball size hail as it continued to dive southeast, shattering windows in homes and vehicles. This storm gradually weakened as another storm began to develop just to the southwest over Morehouse Parish. The storm continued to move southeast with the southern edge of the storm beginning to develop supercell characteristics. This storm became the focus of activity as it began rapidly increasing in intensity and showing signs of producing large hail. Ping pong to tennis ball size hail fell as the storm moved into northern Warren County, breaking numerous windows on vehicles near Redwood. Strong winds blew a tree on a house and caused a minor injury near Redwood. The long-lived supercell continued to move into a favorable environment and produced multiple reports of golf ball to baseball size hail along its path as it moved into the Jackson metro area. The largest hailstone was softball size, or 4.25 inches, which fell in Clinton around 3:50 pm, shattering vehicle windshields. One injury occurred in the Pinehaven community near Clinton when a baseball size hailstone fell onto a resident causing head trauma. This supercell continued to move southeast over the downtown Jackson metro area with numerous reports of golf ball to baseball size hail falling all along the path. The large hail from this supercell caused major roof damage, shattered windshields and caused dents in numerous vehicles and siding damage to multiple mobile homes in the Jackson metro area. The squall line in northeastern Mississippi produced an outflow boundary that moved to the south and southeast which would serve as a focus for additional thunderstorm development ahead of the storm moving into western Mississippi. Thunderstorms began increasing in intensity along the outflow boundary and numerous reports of large hail continued in a swath down into southern Mississippi. Reports of golf ball to baseball size hail were received along a line from Seminary to Natchez and a few golf ball size hailstones fell south of Columbia. As the actual cold front finally made its way through the I-20 corridor and south, additional hail fell during the evening. However, this hail was significantly smaller than what fell earlier, with sizes ranging from nickel to quarter size. The thunderstorms gradually moved out of the Pine Belt region late on the evening of the 18th.

An elementary school in Clinton was damaged bad enough to have to close for the remainder of the school year, and many state and local law enforcement vehicles were heavily damaged or totaled. The amount of damages to the Jackson metro area were staggering and will be remembered for years to come. The hailstone that fell in Clinton was the 3rd largest hailstone in March in Mississippi since 1950, only surpassed by a grapefruit size hailstone that fell on March 30th, 1993 in Puckett, MS and on March 6th, 1996 in Laurel, MS. It was also the 7th largest hailstone to fall in Mississippi for any month, with the largest hailstone of 5.0 inches, or CD/DVD size, falling in Lafayette County on April 10th, 1962.

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#### ASHLEY COUNTY --- CROSSETT [33.13, -91.97]

	03/22/13 22:17 CST		0	Hail (0.75 in)
	03/22/13 22:17 CST		0	Source: Public

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#### ASHLEY COUNTY --- 1.5 NNE NORTH CROSSETT [33.17, -91.94]

	03/22/13 22:20 CST		0	Hail (1.00 in)
	03/22/13 22:20 CST		0	Source: Public

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#### CHICOT COUNTY --- 0.6 W HALLEY JCT [33.53, -91.39]

	03/23/13 16:40 CST		0	Hail (1.25 in)
	03/23/13 16:40 CST		0	Source: Emergency Manager

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#### ASHLEY COUNTY --- 0.9 NE WILMOT [33.06, -91.57]

## Storm Data and Unusual Weather Phenomena - March 2013

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	03/23/13 17:25 CST		0	Hail (1.75 in)
	03/23/13 17:25 CST		0	Source: Public

**CHICOT COUNTY --- 1.4 N ROSS VAN NESS [33.12, -91.35]**

	03/23/13 17:35 CST		0	Hail (0.88 in)
	03/23/13 17:35 CST		0	Source: Social Media

The hail was up to 6 inches deep.

**CHICOT COUNTY --- 0.9 NW DERMOTT [33.53, -91.44], 1.4 WSW DERMOTT MUNI ARPT [33.47, -91.45], 1.1 ESE DERMOTT [33.51, -91.41], 1.6 NNE DERMOTT [33.54, -91.42]**

	03/23/13 20:45 CST		0	Flash Flood (due to Heavy Rain)
	03/23/13 21:45 CST		0	Source: Emergency Manager

Multiple streets were flooded in Dermott.

Shows and thunderstorms developed in association with a passing low pressure system as warm and unstable traveled north ahead of the system. A squall line that swept across the region allowed large damaging hail, strong damaging wind gusts, and some flash flooding to develop.

### LOUISIANA, Northeast

**MOREHOUSE COUNTY --- 5.5 WNW JONES [33.00, -91.72], 2.9 SSE LAARK [32.94, -91.48]**

	03/18/13 12:42 CST		50K	Hail (2.75 in)
	03/18/13 12:45 CST		0	Source: Social Media

A swath of quarter to baseball sized hail fell across the northeastern portion of the parish. Windows were blown out of a house and a truck from the large hail.

**WEST CARROLL COUNTY --- 0.9 SW OAK GROVE [32.86, -91.39]**

	03/18/13 13:07 CST		15K	Hail (1.75 in)
	03/18/13 13:07 CST		0	Source: Broadcast Media

Golf ball size hail fell near Oak Grove.

**EAST CARROLL COUNTY --- 4.7 W BOWIE [32.74, -91.35], 1.2 E TRANSYLVANIA [32.68, -91.18]**

	03/18/13 13:19 CST		35K	Hail (2.75 in)
	03/18/13 13:30 CST		0	Source: Law Enforcement

A swath of quarter to baseball sized hail fell from west of Bowie to just east of Transylvania.

**WEST CARROLL COUNTY --- 2.1 N EPPS [32.63, -91.48]**

	03/18/13 13:36 CST		10K	Hail (1.75 in)
	03/18/13 13:36 CST		0	Source: Social Media

Golf ball sized hail fell just north of Epps.

**CATAHOULA COUNTY --- 3.3 WSW PARHAMS [31.45, -91.77]**

	03/18/13 18:12 CST		1K	Hail (1.00 in)
	03/18/13 18:12 CST		0	Source: Trained Spotter

Quarter size hail fell in the Parhams community.

A strong upper level disturbance combined with a strong cold front and associated surface low which crossed the region. A squall line developed across southeast Arkansas and moved quickly across north-central Mississippi during the morning, producing multiple reports of damaging winds and ping-pong to golf ball size hail. There were reports of multiple trees blown down, some roofs blown off buildings and wind gusts of 60-80 mph, with a 77 mph wind gust measured at the Columbus AFB surface observing station. A lone supercell moved across southeast Arkansas just after 1:00 pm and showed many indications of very large hail and strong rotation. This storm gradually began making more of a right turn and continued to dive southeast across northeast Louisiana before moving into Mississippi. This storm produced multiple reports of golf ball to baseball size hail as it continued to dive southeast, shattering windows in homes and vehicles. This storm gradually weakened as another storm began to develop just to the southwest over Morehouse

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Parish. The storm continued to move southeast with the southern edge of the storm beginning to develop supercell characteristics. This storm became the focus of activity as it began rapidly increasing in intensity and showing signs of producing large hail. Ping pong to tennis ball size hail fell as the storm moved into northern Warren County, breaking numerous windows on vehicles near Redwood. Strong winds blew a tree on a house and caused a minor injury near Redwood. The long-lived supercell continued to move into a favorable environment and produced multiple reports of golf ball to baseball size hail along its path as it moved into the Jackson metro area. The largest hailstone was softball size, or 4.25 inches, which fell in Clinton around 3:50 pm, shattering vehicle windshields. One injury occurred in the Pinehaven community near Clinton when a baseball size hailstone fell onto a resident causing head trauma. This supercell continued to move southeast over the downtown Jackson metro area with numerous reports of golf ball to baseball size hail falling all along the path. The large hail from this supercell caused major roof damage, shattered windshields and caused dents in numerous vehicles and siding damage to multiple mobile homes in the Jackson metro area. The squall line in northeastern Mississippi produced an outflow boundary that moved to the south and southeast which would serve as a focus for additional thunderstorm development ahead of the storm moving into western Mississippi. Thunderstorms began increasing in intensity along the outflow boundary and numerous reports of large hail continued in a swath down into southern Mississippi. Reports of golf ball to baseball size hail were received along a line from Seminary to Natchez and a few golf ball size hailstones fell south of Columbia. As the actual cold front finally made its way through the I-20 corridor and south, additional hail fell during the evening. However, this hail was significantly smaller than what fell earlier, with sizes ranging from nickel to quarter size. The thunderstorms gradually moved out of the Pine Belt region late on the evening of the 18th.

An elementary school in Clinton was damaged bad enough to have to close for the remainder of the school year, and many state and local law enforcement vehicles were heavily damaged or totaled. The amount of damages to the Jackson metro area were staggering and will be remembered for years to come. The hailstone that fell in Clinton was the 3rd largest hailstone in March in Mississippi since 1950, only surpassed by a grapefruit size hailstone that fell on March 30th, 1993 in Puckett, MS and on March 6th, 1996 in Laurel, MS. It was also the 7th largest hailstone to fall in Mississippi for any month, with the largest hailstone of 5.0 inches, or CD/DVD size, falling in Lafayette County on April 10th, 1962.

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**MOREHOUSE COUNTY --- 2.9 E BEEKMAN [32.92, -91.83]**

03/23/13 17:05 CST		25K	Thunderstorm Wind (EG 55 kt)
03/23/13 17:05 CST		0	Source: Emergency Manager

Trees were blown down and some sheds were blown down also.

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**MOREHOUSE COUNTY --- 3.0 NNE BEEKMAN [32.96, -91.86]**

03/23/13 17:05 CST		0	Hail (1.00 in)
03/23/13 17:05 CST		0	Source: Emergency Manager

Hail was accumulating on the ground.

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**MOREHOUSE COUNTY --- 3.0 NNE GALLION [32.91, -91.75]**

03/23/13 17:15 CST		0	Hail (1.00 in)
03/23/13 17:15 CST		0	Source: Public

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**WEST CARROLL COUNTY --- 5.3 NW OAK GROVE ROBERTS AR [32.98, -91.42], 0.6 W KILBOURNE [33.00, -91.31]**

03/23/13 17:30 CST		75K	Hail (2.75 in)
03/23/13 17:35 CST		0	Source: Broadcast Media

Hail up to baseball size broke windows, left holes in mobile homes, damaged vehicles, knocked down several limbs, and damaged siding.

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**WEST CARROLL COUNTY --- 0.9 NE FOREST [32.79, -91.41]**

03/23/13 17:32 CST		25K	Thunderstorm Wind (EG 55 kt)
03/23/13 17:32 CST		0	Source: Broadcast Media

Part of a mobile home roof was blown off, and several trees were downed in the area.

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**EAST CARROLL COUNTY --- 0.7 N LAKE PROVIDENCE [32.81, -91.18]**

03/23/13 17:45 CST		15K	Thunderstorm Wind (EG 55 kt)
03/23/13 17:45 CST		0	Source: Public

Trees were blown down and a barn was damaged.

Showers and thunderstorms developed in association with a passing low pressure system as warm and unstable traveled north ahead of the system. A squall line that swept across the region allowed large damaging hail, strong damaging wind gusts, and some flash flooding to develop.

## Storm Data and Unusual Weather Phenomena - March 2013

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<b>MOREHOUSE COUNTY --- 0.9 SW BASTROP [32.77, -91.91]</b>				
	03/31/13 11:05 CST		15K	Thunderstorm Wind (EG 50 kt)
	03/31/13 11:05 CST		0	Source: Law Enforcement
Trees and power lines were down.				
<b>FRANKLIN COUNTY --- 0.9 SE CHASE [32.09, -91.69], 2.5 E GILBERT [32.05, -91.63]</b>				
	03/31/13 11:58 CST		5K	Thunderstorm Wind (EG 50 kt)
	03/31/13 12:05 CST		0	Source: Law Enforcement
Several trees were blown down in the area as a squall line moved through.				
<b>TENSAS COUNTY --- 0.6 E ST JOSEPH [31.92, -91.24]</b>				
	03/31/13 12:35 CST		15K	Thunderstorm Wind (EG 50 kt)
	03/31/13 12:40 CST		0	Source: Law Enforcement
Trees and power lines were blown down in the area.				
<b>CONCORDIA COUNTY --- 2.7 ENE FROGMORE [31.62, -91.64]</b>				
	03/31/13 12:45 CST		0	Thunderstorm Wind (EG 50 kt)
	03/31/13 12:45 CST		0	Source: Law Enforcement
Trees were blown down in the area.				
<b>A series of weather disturbances moving through the area, combined with adequate moisture, produced showers and thunderstorms across the region. Some of the thunderstorms produced damaging winds.</b>				
<b>MISSISSIPPI, Central</b>				
<b>(MS-Z052) LAUDERDALE, (MS-Z060) ADAMS</b>				
	03/04/13 16:30 CST		10.50K	Strong Wind (MAX 45 kt)
	03/05/13 12:56 CST		0	
<b>A couple strong storms developed on the 4th and 5th out ahead of a cold front in a warm and unstable atmosphere. Some strong winds developed as a result of the storms.</b>				
<b>GRENADA COUNTY --- 0.6 E GRENADA [33.78, -89.81]</b>				
	03/18/13 11:45 CST		75K	Thunderstorm Wind (EG 58 kt)
	03/18/13 11:50 CST		0	Source: Emergency Manager
Multiple trees were blown down across Grenada County. A roof was blown off a shop in the northern part of the county. A weather station just west of Grenada recorded a wind gust of 67 mph.				
<b>MONTGOMERY COUNTY --- 0.6 E DUCK HILL [33.63, -89.71]</b>				
	03/18/13 12:05 CST		0	Hail (1.00 in)
	03/18/13 12:05 CST		0	Source: Public
Quarter size hail fell in Duck Hill.				
<b>MONTGOMERY COUNTY --- 0.6 E DUCK HILL [33.63, -89.71]</b>				
	03/18/13 12:05 CST		1K	Thunderstorm Wind (EG 50 kt)
	03/18/13 12:05 CST		0	Source: Public
A roof was blown off of an outbuilding.				
<b>WASHINGTON COUNTY --- 0.3 E GREENVILLE [33.40, -91.05]</b>				
	03/18/13 12:20 CST		0.20M	Hail (1.75 in)
	03/18/13 12:20 CST		0	Source: Broadcast Media
Ping pong to golf ball size hail fell all around the Greenville and Stoneville areas.				

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<b>WEBSTER COUNTY --- 0.7 N WALTHALL [33.61, -89.28], 2.7 ENE MATHISTON [33.55, -89.08]</b>				
	03/18/13 12:29 CST		40K	Thunderstorm Wind (EG 55 kt)
	03/18/13 12:38 CST		0	Source: Emergency Manager
A swath of thunderstorm wind damage blew down trees and power lines on the western side of Webster County. Part of a roof was torn off of a building.				
<b>SUNFLOWER COUNTY --- 0.6 E BOWLES [33.33, -90.59]</b>				
	03/18/13 12:50 CST		10K	Hail (1.75 in)
	03/18/13 12:50 CST		0	Source: Emergency Manager
Golf ball size hail fell in Bowles.				
<b>LOWNDES COUNTY --- 1.4 S (CBM)COLUMBUS AFB [33.63, -88.45]</b>				
	03/18/13 12:58 CST		30K	Thunderstorm Wind (MG 67 kt)
	03/18/13 12:58 CST		0	Source: ASOS
Fifteen trees were blown down across the northern portion of the county. Power outages occurred.				
<b>CLAY COUNTY --- 2.8 NNW CAHNS [33.62, -88.74], 0.9 NE WEST PT [33.61, -88.64]</b>				
	03/18/13 13:00 CST		0.50M	Thunderstorm Wind (EG 70 kt)
	03/18/13 13:05 CST	1	0	Source: Emergency Manager
There was a swath of damaging thunderstorm winds across the county. A 20 foot section of the roof was blown off the Justice Court Building. There was roof damage to a home on Torbert Drive, and a tree fell and crushed a truck on Mapleview Drive. Numerous other trees and power lines were blown down across portions of the county. A woman was taken to the hospital with injuries after being blown over by the winds.				
<b>OKTIBBEHA COUNTY --- 1.8 SE ADATON [33.46, -88.91]</b>				
	03/18/13 13:00 CST		20K	Thunderstorm Wind (EG 50 kt)
	03/18/13 13:00 CST		0	Source: Storm Chaser
Several houses had shingle damage and two large sections of fencing were blown down in the Diamond Cove subdivision.				
<b>LOWNDES COUNTY --- 2.1 N CALEDONIA [33.71, -88.33]</b>				
	03/18/13 13:10 CST		1K	Hail (1.50 in)
	03/18/13 13:10 CST		0	Source: Storm Chaser
The Mississippi State University storm chase team saw ping pong ball size hail fall north of Caledonia.				
<b>HUMPHREYS COUNTY --- 0.6 E BELZONI [33.18, -90.49]</b>				
	03/18/13 13:11 CST		0	Hail (1.00 in)
	03/18/13 13:11 CST		0	Source: Law Enforcement
Nickel to quarter size hail fell around Belzoni.				
<b>SHARKEY COUNTY --- 1.2 W ISSAQUENA [32.78, -90.94]</b>				
	03/18/13 13:36 CST		0	Hail (1.00 in)
	03/18/13 13:36 CST		0	Source: Storm Chaser
Quarter size hail fell just west of Issaquena.				
<b>ATTALA COUNTY --- 3.6 SSW HESTERVILLE [33.12, -89.69]</b>				
	03/18/13 13:55 CST		0	Hail (0.75 in)
	03/18/13 13:55 CST		0	Source: Public
Hail as large as pennies covered the ground southwest of Hesterville.				
<b>NOXUBEE COUNTY --- 3.3 SSW MC LEOD [33.06, -88.50]</b>				
	03/18/13 13:58 CST		0	Hail (1.00 in)
	03/18/13 13:58 CST		0	Source: Public
Quarter size hail fell on Brown Road southwest of McLeod.				

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<b>ISSAQUENA COUNTY --- VALLEY PARK [32.63, -90.87]</b>				
	03/18/13 14:00 CST		0	Hail (1.00 in)
	03/18/13 14:00 CST		0	Source: Emergency Manager
Quarter size hail fell in Valley Park.				
<b>WARREN COUNTY --- 2.6 NNE FLOWEREE [32.57, -90.84], 5.5 NNE OAK RIDGE [32.55, -90.66]</b>				
	03/18/13 14:05 CST		50M	Hail (4.00 in)
	03/18/13 14:27 CST		0	Source: Emergency Manager
A swath of half dollar to grapefruit size hail fell across the northern portion of the county. Significant damage occurred to homes and vehicles as a result of the hail, with windows blown out and vehicle body damage occurring.				
<b>MADISON COUNTY --- 3.9 SSW FLORA [32.49, -90.33], 2.8 E MADISON [32.47, -90.05]</b>				
	03/18/13 14:10 CST		0.40M	Hail (1.75 in)
	03/18/13 14:30 CST		0	Source: Law Enforcement
A swath of quarter to golf ball size hail fell from just south of Flora to Madison. The hail damaged cars and roofs as the storm moved east.				
<b>WARREN COUNTY --- 0.9 SE HAYNES BLUFF [32.51, -90.77]</b>				
	03/18/13 14:15 CST		25K	Thunderstorm Wind (EG 50 kt)
	03/18/13 14:15 CST	1	0	Source: Emergency Manager
A tree fell on a house on Gowall Road.				
<b>LEAKE COUNTY --- 1.6 W BERTICE [32.63, -89.70], 1.5 NNE WALNUT GROVE [32.60, -89.46]</b>				
	03/18/13 14:25 CST		50K	Hail (1.75 in)
	03/18/13 14:40 CST		0	Source: Emergency Manager
A swath of golf ball size hail fell from the Leake and Madison County line to near Walnut Grove damaging vehicles and roofs as the storm moved east.				
<b>HINDS COUNTY --- 6.8 W ORANGE HILL [32.47, -90.60], 2.4 SSE WEST JACKSON [32.29, -90.19]</b>				
	03/18/13 14:30 CST		0.20B	Hail (4.25 in)
	03/18/13 15:05 CST	1	0	Source: Emergency Manager
This long lived storm that continued out of Warren County produced golf ball to grapefruit size hail along its path as it moved toward the Jackson metro area. The largest hailstone (4.25 inches in diameter) fell in Clinton around 3:50 pm, shattering vehicle windshields. One injury occurred in the Pinehaven community near Clinton when a baseball size hailstone fell onto a resident causing head trauma. This storm continued to move southeast over the downtown Jackson metro area with numerous reports of golfball to baseball size hail falling all along the path. The large hail from this supercell caused incredible roof damage all across the city, as well as shattering thousands of vehicle windows and windshields, as well as denting thousands of vehicles. Substantial siding damage occurred to multiple mobile homes as well. Large hail fell at Hawkins Field, causing incredible damage to aircraft that were parked on the ramp.				
<b>WARREN COUNTY --- 7.1 WNW NATIONAL CEMETERY [32.41, -90.99], 2.0 ESE BOVINA [32.34, -90.70]</b>				
	03/18/13 14:32 CST		75M	Hail (2.50 in)
	03/18/13 15:00 CST		0	Source: Emergency Manager
A swath of large hail crossed central Warren County, including the city of Vicksburg. Substantial damage occurred as a result of the hail. Windows were blown out of vehicles and homes, and significant body damage occurred to vehicles. Significant roof damage occurred to homes as well.				
<b>NEWTON COUNTY --- 1.9 WSW PROSPECT [32.54, -89.30]</b>				
	03/18/13 14:55 CST		10K	Hail (1.75 in)
	03/18/13 14:55 CST		0	Source: Trained Spotter
Golf ball size hail fell just southeast of Sebastopol.				
<b>RANKIN COUNTY --- 1.5 SSE LEESBURG [32.41, -89.76]</b>				
	03/18/13 14:59 CST		50M	Hail (2.75 in)
	03/18/13 14:59 CST		0	Source: Emergency Manager
Golf ball to baseball size hail fell north of I-20 as a severe storm moved east before another stronger storm impacted areas further south and southwest a few minutes later.				

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<b>KEMPER COUNTY --- 0.7 N PORTERVILLE [32.69, -88.47]</b>				
	03/18/13 15:03 CST		2K	Hail (1.25 in)
	03/18/13 15:03 CST		0	Source: Public
<b>SCOTT COUNTY --- 1.7 NW MORTON [32.36, -89.69], 2.0 E NORRIS [32.30, -89.40]</b>				
	03/18/13 15:05 CST		5M	Hail (1.75 in)
	03/18/13 15:36 CST		0	Source: Emergency Manager
A swath of quarter to golf ball size hail fell west of Morton to just south of Forest. Numerous vehicle windows were blown out and several roofs were damaged by the hail.				
<b>HINDS COUNTY --- 2.2 SW SMITHS [32.33, -90.69], 2.3 N COOPERS WELLS [32.26, -90.38]</b>				
	03/18/13 15:10 CST		75M	Hail (2.75 in)
	03/18/13 15:40 CST		0	Source: Emergency Manager
A swath of large hail continued out of Warren County and moved across central Hinds County, including a portion of the Jackson metro area. Substantial vehicle damage occurred as windows were blown out, and substantial roof damage occurred as a result of the hail.				
<b>RANKIN COUNTY --- 2.6 N PLAIN [32.29, -90.16], 1.4 SSW RUFUS [32.16, -89.79]</b>				
	03/18/13 15:10 CST		0.10B	Hail (2.50 in)
	03/18/13 15:45 CST		0	Source: Emergency Manager
A large storm producing extremely large hail continued moving across the Jackson metro area and then across the rest of Rankin County. Hail up to 2.5 inches in diameter fell as this storm moved east causing substantial damage to vehicles and buildings. Baseball size hail fell at the MEMA State EOC causing extensive damage to state and personal vehicles. The Whitfield State Hospital had numerous windows blown out and extensive roof damage with glass ending up in patients' beds.				
<b>LAUDERDALE COUNTY --- 0.6 E PONTA [32.55, -88.62]</b>				
	03/18/13 15:19 CST		0	Hail (1.00 in)
	03/18/13 15:19 CST		0	Source: Social Media
<b>JASPER COUNTY --- 0.7 S HERO [32.21, -89.07]</b>				
	03/18/13 16:05 CST		40K	Hail (2.00 in)
	03/18/13 16:05 CST		0	Source: Public
Golf ball size hail covered the ground in the northeastern portion of the county.				
<b>SIMPSON COUNTY --- 1.7 N TOUCHSTONE [32.02, -90.05]</b>				
	03/18/13 16:05 CST		5K	Hail (1.50 in)
	03/18/13 16:05 CST		0	Source: Public
<b>SMITH COUNTY --- 2.6 ENE GUNN [32.09, -89.64], 3.8 WSW SYLVARENA [32.00, -89.44]</b>				
	03/18/13 16:10 CST		0.10M	Hail (1.75 in)
	03/18/13 16:25 CST		0	Source: Emergency Manager
A swath of quarter to golf ball size hail fell as a severe storm moved across the county. The hail damaged vehicles and roofs as it moved southeast.				
<b>SIMPSON COUNTY --- 3.1 E PINOLA [31.86, -89.92]</b>				
	03/18/13 16:30 CST		25K	Hail (2.50 in)
	03/18/13 16:30 CST		0	Source: Public
<b>JASPER COUNTY --- 1.4 ENE BAY SPGS [31.98, -89.28]</b>				
	03/18/13 16:35 CST		10K	Hail (1.75 in)
	03/18/13 16:35 CST		0	Source: Emergency Manager
<b>SMITH COUNTY --- 2.5 WNW CENTER RIDGE [31.94, -89.52]</b>				
	03/18/13 16:45 CST		50K	Hail (1.75 in)
	03/18/13 16:45 CST		0	Source: Emergency Manager

Golf ball size hail damaged numerous vehicles in the area, including an 18-wheeler that had the windows broken out.

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CLAIBORNE COUNTY --- 0.7 S ROCKY SPGS [32.09, -90.82]</b>				
	03/18/13 16:50 CST		20K	Hail (1.75 in)
	03/18/13 16:50 CST		0	Source: Public
Golf ball size hail fell in the area.				
<b>JEFFERSON DAVIS COUNTY --- 1.4 N HEBRON [31.75, -89.95]</b>				
	03/18/13 17:10 CST		5K	Hail (1.75 in)
	03/18/13 17:10 CST		0	Source: Emergency Manager
<b>JONES COUNTY --- 1.9 WNW GITANO [31.78, -89.36], 0.9 NE MYRICK [31.66, -88.99]</b>				
	03/18/13 17:10 CST		0.50M	Hail (1.75 in)
	03/18/13 17:40 CST		0	Source: Emergency Manager
A swath of quarter to golf ball size hail fell from Gitano to Myrick. The hail damaged numerous vehicles and roofs across this area.				
<b>JEFFERSON COUNTY --- 4.0 SW HURNALD COMM [31.71, -91.18]</b>				
	03/18/13 17:30 CST		10K	Hail (1.75 in)
	03/18/13 17:30 CST		0	Source: Trained Spotter
<b>FRANKLIN COUNTY --- 0.7 N OLDENBURG [31.59, -90.98]</b>				
	03/18/13 17:55 CST		20K	Hail (1.75 in)
	03/18/13 17:55 CST		0	Source: Emergency Manager
<b>ADAMS COUNTY --- (HEZ)HARDY FLD NATCH [31.62, -91.30]</b>				
	03/18/13 18:01 CST		10K	Hail (1.75 in)
	03/18/13 18:01 CST		0	Source: Emergency Manager
<b>FRANKLIN COUNTY --- 5.0 WNW ROXIE [31.53, -91.15], 1.1 NW LITTLE SPGS [31.41, -90.74]</b>				
	03/18/13 18:30 CST		0.20M	Hail (2.75 in)
	03/18/13 19:05 CST		0	Source: Emergency Manager
A swath of softball size hail fell across the county as a severe storm moved east. The hail damaged numerous vehicles and roof tops.				
<b>JEFFERSON DAVIS COUNTY --- 4.2 N MT CARMEL [31.71, -89.79]</b>				
	03/18/13 18:38 CST		1K	Hail (1.00 in)
	03/18/13 18:38 CST		0	Source: Emergency Manager
Quarter size hail fell on Rogers Road and Clem Road.				
<b>HINDS COUNTY --- 2.0 N COOPERS WELLS [32.26, -90.37]</b>				
	03/18/13 18:40 CST		3K	Hail (1.00 in)
	03/18/13 18:40 CST		0	Source: Public
<b>LINCOLN COUNTY --- 1.9 SW CAM [31.53, -90.41]</b>				
	03/18/13 19:00 CST		10K	Hail (1.75 in)
	03/18/13 19:00 CST		0	Source: Emergency Manager
<b>COVINGTON COUNTY --- 0.7 N SEMINARY [31.56, -89.50]</b>				
	03/18/13 19:14 CST		50K	Hail (2.50 in)
	03/18/13 19:14 CST		0	Source: Public
<b>JASPER COUNTY --- 2.2 NW TURNERVILLE [32.04, -89.23]</b>				
	03/18/13 19:20 CST		0	Hail (1.00 in)
	03/18/13 19:20 CST		0	Source: Public
<b>LAWRENCE COUNTY --- 1.5 NNW DIVIDE [31.44, -90.16]</b>				

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	03/18/13 19:33 CST		50K	Hail (2.75 in)
	03/18/13 19:33 CST		0	Source: Emergency Manager
<hr/>				
<b>ADAMS COUNTY --- 0.7 N SIBLEY [31.39, -91.40]</b>				
	03/18/13 19:45 CST		0	Hail (1.00 in)
	03/18/13 19:45 CST		0	Source: Trained Spotter
<hr/>				
<b>MARION COUNTY --- 3.0 WSW JAMESTOWN [31.17, -89.92], 0.6 W LOVELACE [31.22, -89.88]</b>				
	03/18/13 20:20 CST		0	Hail (1.75 in)
	03/18/13 20:20 CST		0	Source: Public
<hr/>				
<b>HINDS COUNTY --- 0.6 W WEST JACKSON [32.32, -90.21]</b>				
	03/18/13 20:25 CST		0	Hail (1.00 in)
	03/18/13 20:25 CST		0	Source: Social Media
<hr/>				
Nickel to quarter size hail fell in the area.				
<hr/>				
<b>FORREST COUNTY --- 0.9 SE HATTIESBURG [31.31, -89.31]</b>				
	03/18/13 20:47 CST		0	Hail (1.00 in)
	03/18/13 20:47 CST		0	Source: Emergency Manager

A strong upper level disturbance combined with a strong cold front and associated surface low which crossed the region. A squall line developed across southeast Arkansas and moved quickly across north-central Mississippi during the morning, producing multiple reports of damaging winds and ping-pong to golf ball size hail. There were reports of multiple trees blown down, some roofs blown off buildings and wind gusts of 60-80 mph, with a 77 mph wind gust measured at the Columbus AFB surface observing station. A lone supercell moved across southeast Arkansas just after 1:00 pm and showed many indications of very large hail and strong rotation. This storm gradually began making more of a right turn and continued to dive southeast across northeast Louisiana before moving into Mississippi. This storm produced multiple reports of golf ball to baseball size hail as it continued to dive southeast, shattering windows in homes and vehicles. This storm gradually weakened as another storm began to develop just to the southwest over Morehouse Parish. The storm continued to move southeast with the southern edge of the storm beginning to develop supercell characteristics. This storm became the focus of activity as it began rapidly increasing in intensity and showing signs of producing large hail. Ping pong to tennis ball size hail fell as the storm moved into northern Warren County, breaking numerous windows on vehicles near Redwood. Strong winds blew a tree on a house and caused a minor injury near Redwood. The long-lived supercell continued to move into a favorable environment and produced multiple reports of golf ball to baseball size hail along its path as it moved into the Jackson metro area. The largest hailstone was softball size, or 4.25 inches, which fell in Clinton around 3:50 pm, shattering vehicle windshields. One injury occurred in the Pinehaven community near Clinton when a baseball size hailstone fell onto a resident causing head trauma. This supercell continued to move southeast over the downtown Jackson metro area with numerous reports of golf ball to baseball size hail falling all along the path. The large hail from this supercell caused major roof damage, shattered windshields and caused dents in numerous vehicles and siding damage to multiple mobile homes in the Jackson metro area. The squall line in northeastern Mississippi produced an outflow boundary that moved to the south and southeast which would serve as a focus for additional thunderstorm development ahead of the storm moving into western Mississippi. Thunderstorms began increasing in intensity along the outflow boundary and numerous reports of large hail continued in a swath down into southern Mississippi. Reports of golf ball to baseball size hail were received along a line from Seminary to Natchez and a few golf ball size hailstones fell south of Columbia. As the actual cold front finally made its way through the I-20 corridor and south, additional hail fell during the evening. However, this hail was significantly smaller than what fell earlier, with sizes ranging from nickel to quarter size. The thunderstorms gradually moved out of the Pine Belt region late on the evening of the 18th.

An elementary school in Clinton was damaged bad enough to have to close for the remainder of the school year, and many state and local law enforcement vehicles were heavily damaged or totaled. The amount of damages to the Jackson metro area were staggering and will be remembered for years to come. The hailstone that fell in Clinton was the 3rd largest hailstone in March in Mississippi since 1950, only surpassed by a grapefruit size hailstone that fell on March 30th, 1993 in Puckett, MS and on March 6th, 1996 in Laurel, MS. It was also the 7th largest hailstone to fall in Mississippi for any month, with the largest hailstone of 5.0 inches, or CD/DVD size, falling in Lafayette County on April 10th, 1962.

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*A hail stone measuring over 4 inches in diameter was photographed in Clinton, MS. Photo courtesy of Stephanie Mumbower.*

<b>JONES COUNTY --- 1.9 ESE ELLISVILLE JCT [31.62, -89.14]</b>				
	03/23/13 12:10 CST	0		Hail (1.00 in)
	03/23/13 12:10 CST	0		Source: Public
<b>RANKIN COUNTY --- 0.9 NE CROSS ROADS [32.26, -89.76]</b>				
	03/23/13 16:18 CST	0		Hail (0.75 in)
	03/23/13 16:18 CST	0		Source: Public
<b>NEWTON COUNTY --- 1.4 ENE BETHEL [32.29, -89.16]</b>				
	03/23/13 16:35 CST	0		Hail (0.75 in)
	03/23/13 16:35 CST	0		Source: Public
<b>WASHINGTON COUNTY --- 0.7 N GREENVILLE [33.41, -91.05], 0.7 S GREENVILLE [33.39, -91.05]</b>				
	03/23/13 16:57 CST	0		Hail (0.88 in)
	03/23/13 17:00 CST	0		Source: Emergency Manager
<b>LAUDERDALE COUNTY --- 0.6 W SUQUALENA [32.45, -88.84], 2.7 NNW KEWANEE [32.46, -88.46]</b>				
	03/23/13 17:14 CST	25K		Hail (1.25 in)
	03/23/13 17:14 CST	0		Source: Emergency Manager

Quarter to half dollar size hail fell along a swath just north of Meridian as a severe storm crossed the area.

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SUNFLOWER COUNTY --- 1.1 E FAIRVIEW [33.52, -90.73]</b>				
	03/23/13 17:18 CST		0	Hail (1.00 in)
	03/23/13 17:18 CST		0	Source: Public
<b>NESHOBA COUNTY --- 1.4 WNW HERBERT SPGS [32.61, -88.95]</b>				
	03/23/13 17:30 CST		0	Hail (1.00 in)
	03/23/13 17:30 CST		0	Source: Public
<b>KEMPER COUNTY --- 0.7 S DAMASCUS [32.66, -88.83]</b>				
	03/23/13 17:40 CST		0	Hail (1.00 in)
	03/23/13 17:40 CST		0	Source: Emergency Manager
<b>LEFLORE COUNTY --- 2.7 WNW SHELLMOUND [33.62, -90.31]</b>				
	03/23/13 17:40 CST		0	Hail (1.00 in)
	03/23/13 17:40 CST		0	Source: Emergency Manager
<b>LEFLORE COUNTY --- 0.6 W GREENWOOD [33.52, -90.19]</b>				
	03/23/13 17:51 CST		0	Hail (0.75 in)
	03/23/13 17:51 CST		0	Source: Emergency Manager
<b>WASHINGTON COUNTY --- 0.7 N G ALAN CYPRS GRDN AR [33.03, -91.03]</b>				
	03/23/13 17:53 CST		50K	Thunderstorm Wind (EG 56 kt)
	03/23/13 17:53 CST		0	Source: Emergency Manager
Two trees were blown down, roofs were damaged, and a power line was blown onto a road.				
<b>ISSAQUENA COUNTY --- 4.4 SW GRACE [32.96, -91.01]</b>				
	03/23/13 17:55 CST		10K	Thunderstorm Wind (EG 55 kt)
	03/23/13 17:55 CST		0	Source: Law Enforcement
A small shed was blown into a field.				
<b>SHARKEY COUNTY --- 0.6 W ANGUILLA [32.97, -90.83]</b>				
	03/23/13 18:02 CST		0	Hail (0.88 in)
	03/23/13 18:02 CST		0	Source: Public
<b>SHARKEY COUNTY --- 0.6 W ANGUILLA [32.97, -90.83]</b>				
	03/23/13 18:02 CST		0	Thunderstorm Wind (EG 53 kt)
	03/23/13 18:02 CST		0	Source: Public
A few trees were blown down.				
<b>SHARKEY COUNTY --- 1.5 NNE NITTA YUMA [33.05, -90.84]</b>				
	03/23/13 18:02 CST		20K	Thunderstorm Wind (EG 55 kt)
	03/23/13 18:02 CST		0	Source: Public
A roof was blown off a trailer.				
<b>GRENADA COUNTY --- 1.1 E TROY [33.82, -89.86]</b>				
	03/23/13 18:08 CST		10K	Thunderstorm Wind (EG 50 kt)
	03/23/13 18:08 CST		0	Source: Law Enforcement
Power lines were blown down along Pea Ridge Road.				
<b>GRENADA COUNTY --- 1.5 SSW GRENADA MUNI ARPT [33.81, -89.81]</b>				
	03/23/13 18:10 CST		5K	Hail (1.75 in)
	03/23/13 18:10 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HOLMES COUNTY --- 2.4 NNE EBENEZER [33.00, -90.08]</b>				
	03/23/13 18:12 CST		0	Hail (1.00 in)
	03/23/13 18:12 CST		0	Source: Public
<b>MONTGOMERY COUNTY --- 4.0 SW LILAC [33.63, -89.65]</b>				
	03/23/13 18:20 CST		0	Hail (1.00 in)
	03/23/13 18:20 CST		0	Source: Trained Spotter
Hail was covering the ground.				
<b>YAZOO COUNTY --- 0.9 SW YAZOO CITY BARRIER A [32.86, -90.41]</b>				
	03/23/13 18:25 CST		0	Hail (1.75 in)
	03/23/13 18:25 CST		0	Source: Public
<b>YAZOO COUNTY --- 0.9 SW YAZOO CITY BARRIER A [32.86, -90.41]</b>				
	03/23/13 18:25 CST		0.10M	Thunderstorm Wind (EG 59 kt)
	03/23/13 18:25 CST		0	Source: Emergency Manager
Numerous trees and power lines were down. Some power poles were snapped and trees were down on some houses.				
<b>YAZOO COUNTY --- 0.9 SW YAZOO CITY BARRIER A [32.86, -90.41], 1.0 SSE NORWAY [32.89, -90.40], 0.3 WNW YAZOO JCTN [32.88, -90.38], 0.7 SSE YAZOO CITY BARRIER A [32.86, -90.40]</b>				
	03/23/13 18:25 CST		0	Flash Flood (due to Heavy Rain)
	03/23/13 19:25 CST		0	Source: Emergency Manager
Numerous streets were impassable due to flooding.				
<b>WEBSTER COUNTY --- 0.7 N WALTHALL [33.61, -89.28]</b>				
	03/23/13 18:40 CST		20K	Hail (1.75 in)
	03/23/13 18:40 CST		0	Source: Broadcast Media
<b>HOLMES COUNTY --- 2.4 NNE EBENEZER [33.00, -90.08]</b>				
	03/23/13 18:45 CST		0	Hail (1.00 in)
	03/23/13 18:45 CST		0	Source: Public
<b>ATTALA COUNTY --- 0.6 E WILLIAMSVILLE [33.03, -89.57], 0.9 NW KOSCIUSKO [33.06, -89.59]</b>				
	03/23/13 19:15 CST		0	Hail (0.88 in)
	03/23/13 19:15 CST		0	Source: Emergency Manager
<b>CHOCTAW COUNTY --- 0.9 NE ACKERMAN CHOCTAW ARP [33.31, -89.22]</b>				
	03/23/13 19:20 CST		0	Hail (1.00 in)
	03/23/13 19:20 CST		0	Source: Trained Spotter
<b>LEAKE COUNTY --- 2.4 NNW DOWELL [32.93, -89.59]</b>				
	03/23/13 19:20 CST		0	Thunderstorm Wind (EG 50 kt)
	03/23/13 19:20 CST		0	Source: NWS Employee
Large tree limbs were blown down.				
<b>OKTIBBEHA COUNTY --- 0.9 SE STARKVILLE [33.46, -88.82], 1.9 WSW OSBORN [33.51, -88.76]</b>				
	03/23/13 19:28 CST		10K	Hail (2.00 in)
	03/23/13 19:33 CST		0	Source: Emergency Manager
Quarter to hen egg size hail fell in the area.				
<b>NESHOBA COUNTY --- 5.4 NE CENTER [32.88, -88.92], 16.6 ENE CENTER [32.94, -88.73]</b>				
	03/23/13 19:36 CST		15K	Hail (1.75 in)
	03/23/13 19:42 CST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NESHOPA COUNTY --- 1.5 NNW LONGINO [32.82, -89.11]</b>				
	03/23/13 19:38 CST		0	Thunderstorm Wind (EG 54 kt)
	03/23/13 19:38 CST		0	Source: Emergency Manager
A couple of trees were blown down.				
<b>KEMPER COUNTY --- 2.1 N PRESTON [32.91, -88.83]</b>				
	03/23/13 19:42 CST		0	Hail (1.75 in)
	03/23/13 19:42 CST		0	Source: Emergency Manager
<b>RANKIN COUNTY --- VALUE [32.28, -90.00]</b>				
	03/23/13 20:38 CST		0	Hail (1.00 in)
	03/23/13 20:38 CST		0	Source: Trained Spotter
<b>SCOTT COUNTY --- 0.9 SE FOREST MUNI ARPT [32.34, -89.47]</b>				
	03/23/13 20:56 CST		0	Hail (1.00 in)
	03/23/13 20:56 CST		0	Source: Public
<b>SIMPSON COUNTY --- 2.8 N MARTINVILLE [32.01, -89.75]</b>				
	03/24/13 00:40 CST		0	Hail (1.00 in)
	03/24/13 00:44 CST		0	Source: Public
<b>LAUDERDALE COUNTY --- 4.3 SSE OKATIBBEE [32.24, -88.71]</b>				
	03/24/13 02:00 CST		0	Hail (1.00 in)
	03/24/13 02:00 CST		0	Source: Public
Showers and thunderstorms developed in association with a passing low pressure system as warm and unstable traveled north ahead of the system. A squall line that swepted across the region allowed large damaging hail, strong damaging wind gusts, and some flash flooding to develop.				
<b>LEFLORE COUNTY --- 2.4 SSE SHELLMOUND [33.57, -90.25]</b>				
	03/31/13 05:10 CST		15K	Thunderstorm Wind (EG 50 kt)
	03/31/13 05:10 CST		0	Source: Utility Company
Power outages were affecting 110 homes.				
<b>CARROLL COUNTY --- CARROLLTON [33.50, -89.92]</b>				
	03/31/13 05:30 CST		15K	Thunderstorm Wind (EG 50 kt)
	03/31/13 05:30 CST		0	Source: Emergency Manager
Power outages were reported around Carrollton. The Carroll EOC was on generator power.				
<b>CLAIBORNE COUNTY --- 2.4 SSE PORT GIBSON [31.94, -90.98]</b>				
	03/31/13 13:00 CST		1K	Thunderstorm Wind (EG 50 kt)
	03/31/13 13:00 CST		0	Source: Law Enforcement
One tree was blown down along Ross Lane.				
<b>RANKIN COUNTY --- 1.5 SSW BRANDON [32.25, -89.99]</b>				
	03/31/13 14:17 CST		0	Thunderstorm Wind (EG 50 kt)
	03/31/13 14:17 CST		0	Source: Emergency Manager
One tree was blown down.				
<b>LAMAR COUNTY --- 0.9 SW WARDWELL STATION [31.32, -89.38]</b>				
	03/31/13 15:00 CST		0	Hail (0.88 in)
	03/31/13 15:00 CST		0	Source: Emergency Manager

A series of weather disturbances moving through the area, combined with adequate moisture, produced showers and thunderstorms across the region. Some of the thunderstorms produced damaging winds and some hail.

## Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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